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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/007,713	11/13/2001	John Matthew Santosuoso	ROC920010222US1	6341

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EXAMINER

NGUYEN, CAM LINH T.

ART UNIT

PAPER NUMBER

2171

DATE MAILED: 05/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/007,713

Applicant(s)

SANTOSUOSSO, JOHN  
MATTHEW

Examiner

Cam-Linh T. Nguyen

Art Unit

2171

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 November 2001.
- 2a) ☐ This action is **FINAL**.      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 30 are rejected under 35 U.S.C. 102(e) as being anticipated by Smith et al (U.S. 6,578,078).

♦ As per claim 11, 1

Smith et al (U.S. 6,578,078) (herein Smith), discloses a method, a signal bearing medium, comprising a program which, when executed by a processor, performs an operation for updating a database, the operation comprising:

- “Updating a database in response to receiving a change request from a browser”

See Fig. 1, element 10, 26, col. 13 lines 1 – 10, col. 14 lines 8 - 17. In particular:

- “A change request” corresponds to the command from the author to move or delete a page.
- Because the author can use a computer as disclosed in Fig. 6, in which the author use a network connection to issue the command, therefore, the command is issued from a browser.

♦ As per claim 2, 12, 25,

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- "Verifying whether a data table in the database allows automatic updates before updating the data table" see col. 13 lines 19 – 21, col. 18 lines 35 – 37.

♦ As per claim 3 – 4, 13 – 14,

- "Attaching the database to the browser". Because the computer used in Smith can be a network computer (col. 19 lines 1 – 19), the database can be located in local or remote location. The user must use the network connection to connect with the database (col. 20 lines 7 – 19). The system also provides an extra layer of security in order to gain access to the system or attach the database to the browser (See col. 5 lines 46 – col. 6 lines 10).
- "The browser resides on a client system and the database resides on a server system" See Fig. 6, col. 20 lines 20 – 33.

♦ As per claim 5 – 7, 15 – 17, 26, 31, 35,

- "The change request is a page redirect request from a first network address to a second network address" See Fig. 1, element 18 – 20, col. 13 lines 36 – 43.
- Smith also discloses a table to store URL and update this table when a new data is entered (See col. 11 lines 49 – 63).
- "The first and second network addresses are utilized as links on a web page" See col. 13, lines 50 – 65.

♦ As per claim 8 - 10, 18 – 20, 27 – 28, 32, 36

- "The change request is a web page change request" See Fig. 1, element 10.
- "The database update program is a trigger program for determining additional programs to be run to update the database" col. 19 lines 1 – 19.

- ◆ As per claim 21, 29 – 30, 33 – 34,

With all limitation as claimed in claims 11, 1, further claim 21 includes a memory contains a database management system comprising a database update program. The “database update program” corresponds to the “Referential Preservation engine Database” See the abstract.

Claim 29 further includes a “list of network addresses” See col. 11 line 49 – 63.

- ◆ As per claim 22 - 23,

- “ A network connection configured to allow communication with the browser via the Internet” See Fig. 6.

- ◆ As per claim 24,

- “ The database update program is part of a database server” See col. 19 line 1 – 8.

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Kamasaka et al (U.S. 6,240,455) discloses an Internet server providing link destination deletion, alteration, and addition.
- Logan et al (U.S. 5,761,683) discloses techniques for changing the behavior of a link in a hypertext document.
- Fogg et al (U.S. 6,321,242) discloses a re-linking technology for a moving web site.

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- Glass et al (U.S. 6,253,204) discloses a restoring broken links utilizing a spider process.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cam-Linh T. Nguyen whose telephone number is 703-305- 1951. The examiner can normally be reached on Monday- Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 703-308-1436. The fax phone number for the organization where this application or proceeding is assigned is 703- 746- 7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703- 305- 3900.

  
WAYNE AMSBURY  
PRIMARY PATENT EXAMINER

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